

Summary:

Assistant Professor of Anesthesiology with a strong background in critical care and various anesthesia specialties and research. Skilled in advanced general anesthesia, ambulatory anesthesia, intensive care management and clinical research.

Employment History

- **Senior collaborator, Global Burden of Disease (GBD) Study, Institute for Health Metrics and Evaluation (IHME) contributing to international health research and publication, Sep ۲۰۲۴ – present**
 - Serve as a senior collaborator in the GBD collaborator network
 - Involved in data review, result interpretation, and critically review manuscript for peer reviewed global health research
 - Part of an international consortium recognized for impacting worldwide health policy
- **Assistant Professor of Anesthesiology, Shahid Beheshti University (SBMU), Tehran, ۲۰۲۳ - Present**
 - Lead anesthesiology research, improving patient safety and recovery times.
 - Mentor residents, fostering excellence and continuous learning.
 - Collaborate on projects, advancing perioperative care standards.
 - Enhance operating room efficiency, reducing turnover significantly.
 - Implement evidence-based practices, improving patient outcomes.
- **Anesthesiology and Critical Care, Arak Medical University, ۲۰۲۰ - ۲۰۲۳**
 - Managed anesthesia for surgeries, enhancing patient outcomes with advanced techniques.
 - Led ICU teams in COVID care, treating high-risk patients.
 - Specialized in pediatric anesthesiology, ensuring safety and comfort.
 - Partnered with teams for comprehensive perioperative care.
 - Implemented advanced anesthesia techniques, improving recovery times.
- **Shahid Beheshti Medical student, Shahid Beheshti University, Tehran, ۲۰۱۶ - ۲۰۲۰**

- Chief Resident during ۲۰۱۸ – ۲۰۲۰ , Rigorous clinical schedule and leadership responsibilities
- Administered anesthesia for surgeries, enhancing patient safety and care quality.
- Collaborated with surgical teams to optimize anesthesia plans, improving outcomes.
- Conducted pre-operative assessments, ensuring accurate patient evaluations.
- Developed proficiency in anesthesia techniques, contributing to team efficiency.
- **General Physician**, Self-employed, Tehran, ۲۰۰۹ - ۲۰۱۶
 - Provided comprehensive care to diverse patients, enhancing community health outcomes.
 - Managed patient records efficiently, ensuring accurate and timely documentation.
 - Diagnosed and treated a wide range of conditions, improving patient recovery rates.
 - Collaborated with specialists to develop tailored treatment plans, optimizing patient care.
 - Educated patients on preventive care, contributing to a healthier community.
- **Emergency Ward Physician / General Practitioner**, Tarom Hospital and Soltanie Community Health Center, Nov ۲۰۰۷ - Mar ۲۰۰۹
 - Two years rotation in provincial hospitals, required community service as part of national obligation for completing medical education.

Education

- **Anesthesiology and Critical Care**, Shahid Beheshti University (SBMU), Tehran, Jan ۲۰۱۶ - Dec ۲۰۲۰
- **Doctor of Medicine**, Azad University of Medical Sciences, Tehran, Iran, Jan ۲۰۰۰ - Dec ۲۰۰۵

Skills

- General Anesthesia (Expert)
- Critical Care (Expert)
- Ambulatory Anesthesia (Expert)
- Neuroanesthesia (Expert)
- Obstetrical Anesthesia (Expert)
- Pediatric Anesthesiology (Expert)
- Pain Management (Expert)
- Airway Management (Expert)
- Perioperative Care (Expert)
- Regional nerve block anesthesia (Expert)

PUBLICATIONS:

- Vongpradith A, Dominguez R-MV, Tudor Car L, et al. Global burden of enteric infectious diseases, diarrhoeal diseases, and corresponding aetiologies, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023. *The Lancet Infectious Diseases*. 2026.
- Sirota S, Bender R, Dominguez R et al. Global, regional, and national burden of meningitis, its risk factors, and aetiologies, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023. *The Lancet Neurology*, 2026; .
- Bhangdia K, May M, Kocarnik J et al. Global, regional, and national burden of breast cancer among females, 1990–2023, with forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2023. *The Lancet Oncology*, 27, 302–326
- Faith J, Martopullo I, Arndt M et al. Global, regional, and national levels and trends in maternal mortality, progress towards the Sustainable Development Goals, and mortality from COVID-19 infection in pregnant women, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023. *The Lancet Obstetrics, Gynaecology, & Women’s Health*, 2026; .
- Sirota S, Bender R, Dominguez R et al. Global burden of lower respiratory infections and aetiologies, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023. *The Lancet Infectious Diseases*, 2025; 26, 343–361
- Global, Regional, and National Burden of Cardiovascular Diseases and Risk Factors in 204 Countries and Territories, 1990–2023. *JACC*. 2025 Dec, 86 (22) 2167–2243. <https://doi.org/10.1016/j.jacc.2025.08.10>
- Global age-sex-specific all-cause mortality and life expectancy estimates for 204 countries and territories and 760 subnational locations, 1950–2023: a demographic analysis for the Global Burden of Disease Study 2023 Schumacher, Austin E et al. *The Lancet*, Volume 406, Issue 10513, 1731 – 1810.
- Global burden of 292 causes of death in 204 countries and territories and 760 subnational locations, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023 Naghavi, Mohsen et al. *The Lancet*, Volume 406, Issue 10513, 1811 - 1872
- Burden of 370 diseases and injuries, risk-attributable burden of 88 risk factors, and healthy life expectancy in 204 countries and territories, including 760 subnational locations, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023 Hay, Simon I et al. *The Lancet*, Volume 406, Issue 10513, 1873 - 1922

- The global, regional, and national burden of cancer, ۱۹۹۰–۲۰۲۳, with forecasts to ۲۰۵۰: a systematic analysis for the Global Burden of Disease Study ۲۰۲۳ Force, Lisa M et al. The Lancet, Volume ۴۰۶, Issue ۱۰۵۱۲, ۱۵۶۵ – ۱۵۸۶
- Global, regional, and national trends in routine childhood vaccination coverage from ۱۹۸۰ to ۲۰۲۳ with forecasts to ۲۰۳۰: a systematic analysis for the Global Burden of Disease Study ۲۰۲۳, Haeuser, Emily et al. The Lancet, Volume ۴۰۶, Issue ۱۰۵۰۰, ۲۳۵ – ۲۶۰.
- **Seyed Alshohadaei SM**, Baghizadeh F. Expanding on "Analyzing Patterns in Anesthesiology Residents' Exam Performance Using Data Mining Techniques". *Anesth Pain Med.* ۲۰۲۵ Mar ۱۷;۱۵(۲):e۱۵۹۴۷۸. doi: ۱۰,۵۸۱۲/aapm-۱۵۹۴۷۸. PMID: ۴۰۴۲۱۳۲۷; PMCID: PMC۱۲۱۰۳۷۱۰
- Shakeri A, **Seyed Alshohadaei SM**. Angioedema Following Spinal Anesthesia with Bupivacaine in a Pregnant Woman Undergoing Caesarian: A Case Report and Review of Potential Etiologies. *Arch Anesth & Crit Care.* ۲۰۲۵
- Barooti, E., Malek, B., Honarmand, S., Moshari, M., & **Alshohadaei, S.** (۲۰۲۰). Novel corona ۲۰۱۹: virus above human defying laws. *Anaesthesia, Pain & Intensive Care: An international journal of anesthesiology, pain management, intensive care & resuscitation*, 24(۱), ۱۷. <https://link.gale.com/apps/doc/A۶۶۱۰۶۹۳۷۸/HRCA?u=anon~a۷۱۸d۵۸۹&sid=googleScholar&xid=c۹e۴۵۵c۶>
- **Seyed Alshohadaei SM**, Baghizadeh F, Mirtajani SB. Oblivion Orchestra Hall: How to facilitate emergence from anesthesia with Music. *J Cell Mol Anesth.* ۲۰۲۱;۶(۳):۲۷۹-۸۱.
- **Seyed-Alshohadaei SM**. Pro oxidant– Antioxidant Balance in Cardiac Anesthesia: a Review. *J Cell Mol Anesth.* ۲۰۱۸;۳(۳):۱۲۲-۱۲۵
- Moshari M, Hosseini B, **Seyed Alshohadaei SM**, Baghizadeh F. Comparison of Dexamethasone Composition with Bupivacaine and Dexmedetomidine with Bupivacaine and Bupivacaine alone in a Supraclavicular Block with Low Volume. *Arch Anesth & Crit Care.* ۷(۱):۳۸-۴۰.
- Hosseini B, Dabbagh A, Mosaffa F, Dabir S, Moshari M, **Seyed Alshohadaei SM**, et al. The effects of Ropivacaine and its Combination with Dexmedetomidine and Dexamethasone on Neural Apoptosis. *J Cell Mol Anesth.* ۲۰۲۰;۵(۳):۱۴۳-۹.
- Moshari MR, Dabbagh A, Dahi M, Vosoughian M, Hosseini B, Baghizadeh F, **Seyed-Alshohadaei SM**. Effect of Bupivacaine and Combination with Dexmedetomidine and Dexamethasone on Mice Neural Apoptosis. *J Cell Mol Anesth.* ۲۰۱۹;۴(۳):۶۹-۷۴.
- RezvaniHabibabadi M, Yaraghi A, Hayati F, Hayati F, Hosseini B, **Seyed Alshohadaei SM**. Comparison of Continuous Infusions of Ketorolac, Paracetamol and Parecoxib for postoperative pain management in orthopedic lower limb surgery undergoing spinal anesthesia. *J Cell Mol Anesth.* ۲۰۱۹;۴(۲):۵۵-۶۲.
- Behnam Hosseini*, Fereshteh Baghizadeh, **Seyed Mohammad Seyed Alshohadaei**, Elahe Ehsanpour, Mohammad Qoreishi. Comparison Immediate and Acute Adverse Effects Following Transforaminal Epidural Steroid Injections with Dexamethasone and Diluted Triamcinolone. *Anesthesiology and Critical Care (Autumn ۲۰۱۹); ۵(۴): ۱۱۸-۱۲۱*
- Moshari MR, Malek B, Ebrahimpour A, Vosoughian M, Dahi-Taleghani M, Ghorbani E, **Seyed Mohammad Seyed-Alshohadaei**. Epidural Anesthesia with Lidocaine and Dexmedetomidine, Versus Lidocaine Alone on Plasma Levels of IL-۶ in Patients with Proximal Femoral Fracture. *J Cell*

MolAnesth. ۲۰۱۸;۳(۳):۱۰۳-۷.

- Moshari M, Malek B, Vosoughian M, Dahi-Taleghani M, Ghasemi M, **Seyed-Alshohadaei SM**. Comparing the efficacy and safety of Dexmedetomidine-Lidocaine and Propofol-Fentanyl-Midazolam combinations during Endoscopic Retrograde Cholangio-Pancreatography. Journal of Cellular & Molecular Anesthesia. ۲۰۱۷ Dec ۱۱;۲(۴):۱۷۱-۹.
- Hosseini B, Dabir S, Mosaffa F, **Seyed Alshohadaei SM**, Baghizadeh F. Relationship between Head and Neck Anthropometry in Sonographic Assessment of the Corner Pocket for Ultrasound – Guided Supraclavicular Plexus Blocks. J Cell Mol Anesth. ۲۰۱۹;۴(۳):۷۵-۸۱.
- Barooti E, Malek B, Honarmand S, Moshari M, **Alshohadaei SMS**. Investigating the association of regional anesthesia during labor with postpartum depression. Anaesth pain & intensive care ۲۰۱۹;۲۳(۳):۳۵۳-۳۵۹.

Book

- Kidney Transplantation: Methods and Challenges, ۲۰۲۰ (in print)